How to Setup and Connect an Audiometer to a Computer

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Step #1

Verify equipment needed for proper setup and connection:

- Audiometer (CCA-200 or MAICO MA-1000)
- Acoustic Simulator (ME500 or BAS100/200 aka “Bio Joe”) - Square box device with 2 earphone holders on the side
- Headphones
- Cable (gray) for connecting Audiometer to Acoustic Simulator (Bio Joe) with headphone type connectors at each end
- Response button
- Serial cable (9-pin connector) with a circular power supply connector at one end
- Audiometer power supply
- Power cord for Audiometer power supply

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Step #2

WARNING: DO NOT CONNECT POWER SUPPLY TO WALL OUTLET BEFORE STEP 9.

Place the Acoustic Simulator (Bio Joe) on top of the Audiometer, as pictured. The Audiometer and “Bio Joe” should be facing you.

On the Audiometer, you will see 2 LEDs (red and yellow), and 3 plugs labeled **RESPONSE**, **LEFT** & **RIGHT**.

The Bio Joe should also have 2 plugs facing you. They are labeled **AUDIOMETER** & **RESPONSE.**

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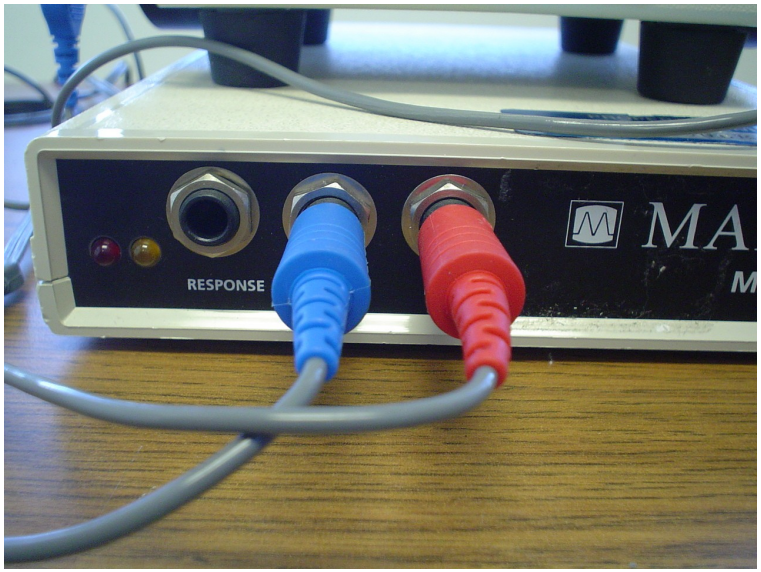
Step #3

The **RED** headset connecter goes into the plug on the Audiometer labeled **RIGHT**.

The **BLUE** headset connecter goes into the plug on the Audiometer labeled **LEFT**.

When connected properly, the connections should appear as illustrated in the picture to the right.



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Step #4

Plug the Audiometer-to-Audiometer Listener cable (Gray cable with headphone type connector on each end) into the connection labeled **RESPONSE** on the Audiometer.

WARNING: DO NOT CONNECT POWER SUPPLY TO WALL OUTLET BEFORE STEP 9.

Plug the other end into the **AUDIOMETER** connection on the "Bio Joe". As illustrated in the top photo.

Place the headset onto the "Bio Joe" with the **BLUE** earphone on the **LEFT** and the **RED** earphone on the **RIGHT**.

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Step #5

WARNING: ENSURE POWER TO THE COMPUTER IS OFF!

Turn the Audiometer around so that the rear of the device is facing you. There are 2 serial (9-pin) connections labeled "**SERIAL IN**" and "**SERIAL OUT**" (top figure).

Connect the male end of the Serial Cable to the Audiometer port labeled "**SERIAL IN**" (bottom fig).

Then connect the other end of the Serial cable (9-pin connector with the circular power supply) to the serial port of the computer.

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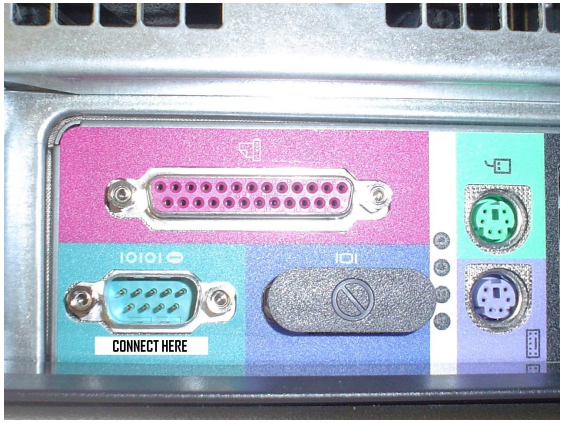
Step #6

The Serial Port is located on the back of the computer.

It is a 9-PIN CONNECTION LABELED “IOIOI” (see top figure).

Secure the connection to this port (see bottom figure).

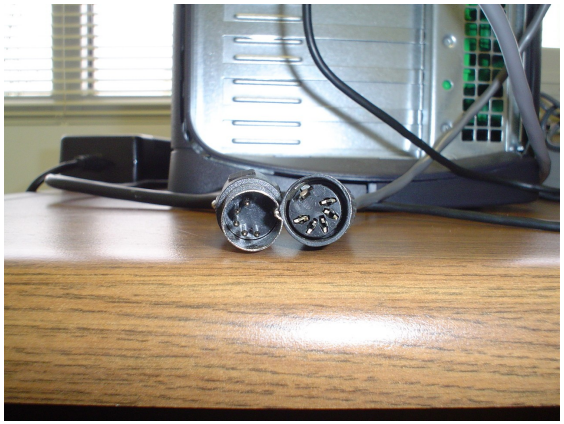


Step #7

DO NOT CONNECT POWER SUPPLY TO THE WALL OUTLET BEFORE THIS STEP. APPLYING POWER BEFORE CONNECTING THE SERIAL CABLE TO THE POWER SUPPLY MAY CAUSE ARCING AND DAMAGE THE EQUIPMENT!

Connect the serial cable's circular power supply connector to the circular connection of the power supply (top figure).

Plug the power supply cord into the Audiometer power supply, and then connect to your wall outlet.

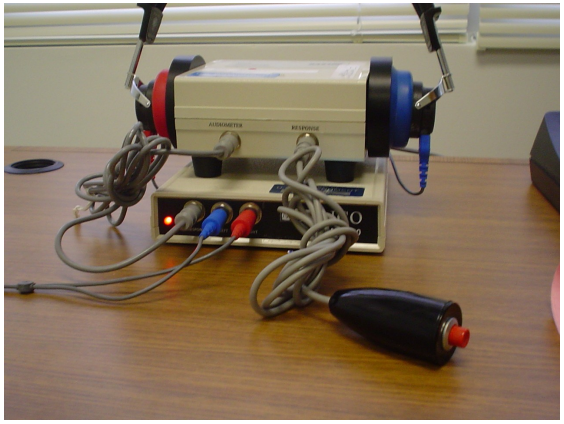


Step #8

The Audiometer should now have power.

This can be verified by the illumination of the **RED** LED on the left of the Audiometer.

If the LED is not illuminated, please repeat steps 5-9.



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